

PRODUCT TECHNICAL DATA
FOR
STATIONARY AIR COMPRESSOR
(TO BE COMPLETED BY BIDDER)

- I. Manufacturer:_____ Model:_____
- II. Will all installation information be furnished?_____Yes/No foundation prints_____Yes/No Wiring diagrams_____Yes/No.
- III. Mounting information (package type or separate components)_____. Are all components fully enclosed?_____Yes/No. If no, list those that are not:_____
- Are basic components of the air compressor built, tested and shipped by a recognized manufacturer_____Yes/No.
- IV. Compressor: Model no._____ type as defined under CLASSIFICATION_____.
- No. of compression stages_____. Coolant system (oil, air, water)_____.
- For reciprocating type only: Horizontal or vertical_____ Crosshead design_____Yes/No
- For screw type only: Rotor diameter_____. Describe type rotors:_____ Flood lubricated type_____Yes/No.
- Oil cooler_____Yes/No. If yes, air cooled or water cooled_____. Oil separator_____Yes/No.
- Rated capacity: Full load_____cfm @_____psig_____rpm_____HP required.
- 50% full load_____cfm @_____psig_____rpm_____HP required.
- No load_____cfm @_____psig_____rpm_____HP required.
- Are all wearing parts replaceable?_____Yes/No.
- Type main bearings:_____
- Is oil free air delivery provided?_____Yes/No. If not, what percent of oil is removed from the discharged air?_____
- V-belt drive_____Yes/No. V-belt guard, OSHA approved_____Yes/No.

Maximum noise level _____ dBA @ _____ ft. (With unit as specified)

Type of sound insulation material provided? _____ Thickness _____"

Air Filter: Dry type, replaceable element _____ Yes/No.

Oil Filter: Full flow oil filter _____ Yes/No.

Positive lubrication during all operating conditions _____ Yes/No.

How is this accomplished? _____

V. Air Receiver:

Type _____ ASME stamped _____ Yes/No. Size _____ cu. ft.

Capacity _____ gals. Design pressure _____ psi. Test
pressure _____ psi.

Are the following included? Safety valve _____ Yes/No
Pressure gauge _____ Yes/No

Drain valve _____ Yes/No Air outlet valve(s) _____ Yes/No
No. of valve(s) _____

Size(s): _____

VI. Aftercooler:

Type _____ Design pressure _____ psi

Method of cooling _____ (water/air). Aftercooler will cool the
air to within _____ °F of the entering cooling water of 70°F.

Are the following furnished?

Moisture separator with water moisture trap _____ Yes/No.
Pressure gauge _____ Yes/No.
Flange connections _____ Yes/No. For water cooled aftercooler:
Water inlet valve _____ Yes/No.

VII. Motor:

Make: _____ Model: _____

Type: _____ Sliding base _____ Yes/No _____ HP
_____ volts _____ phase _____ cycles _____ rpm

VIII. Starter:

Make: _____ Model: _____

Type: _____ Start-Stop buttons _____ Yes/No
_____ volts _____ phase _____ cycles

IX. Accessories and Gauges: Are the following furnished?

Constant speed control _____ Yes/No.

Dual control (which includes constant speed control) _____ Yes/No.

Is timed control provided to stop compressor after 10 minutes unloaded period? _____ Yes/No.

Are means provided to automatically load and unload the compressor at present minimum and maximum pressure settings respectively? _____ Yes/No.

Loadless starting _____ Yes/No.

Oil sight glass _____ Yes/No.

Automatic low oil pressure shut down _____ Yes/No.

Automatic high discharge air temperature shut down _____ Yes/No.

Hourmeter _____ Yes/No.

List any additional accessories and/or gauges furnished: _____

Operating instructions, parts lists, and maintenance manuals furnished? _____ Yes/No.

X. Location of parts and service facilities in North Carolina: _____

XI. List two users of the model offered nearest Raleigh, North Carolina

	<u>NAME</u>	<u>LOCATION</u>	<u>TELEPHONE NO.</u>
1.	_____	_____	_____
2.	_____	_____	_____

Prepared by: _____

Title: _____

Telephone No.: _____

Date: _____